

FIGURE 1

FIGURE 2

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FIG. 3A

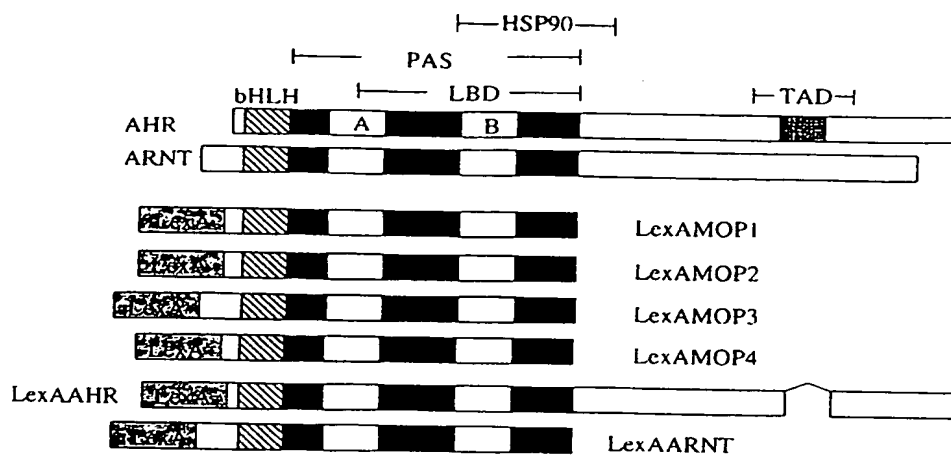


FIG. 3B

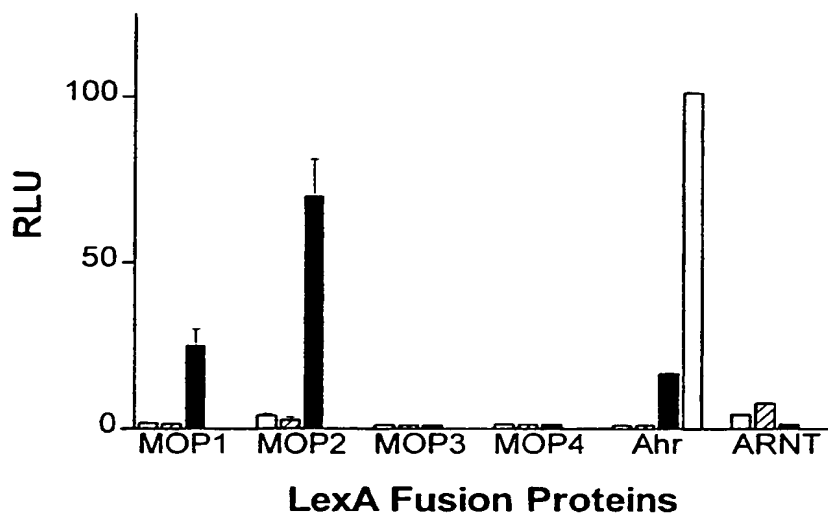


FIGURE 3

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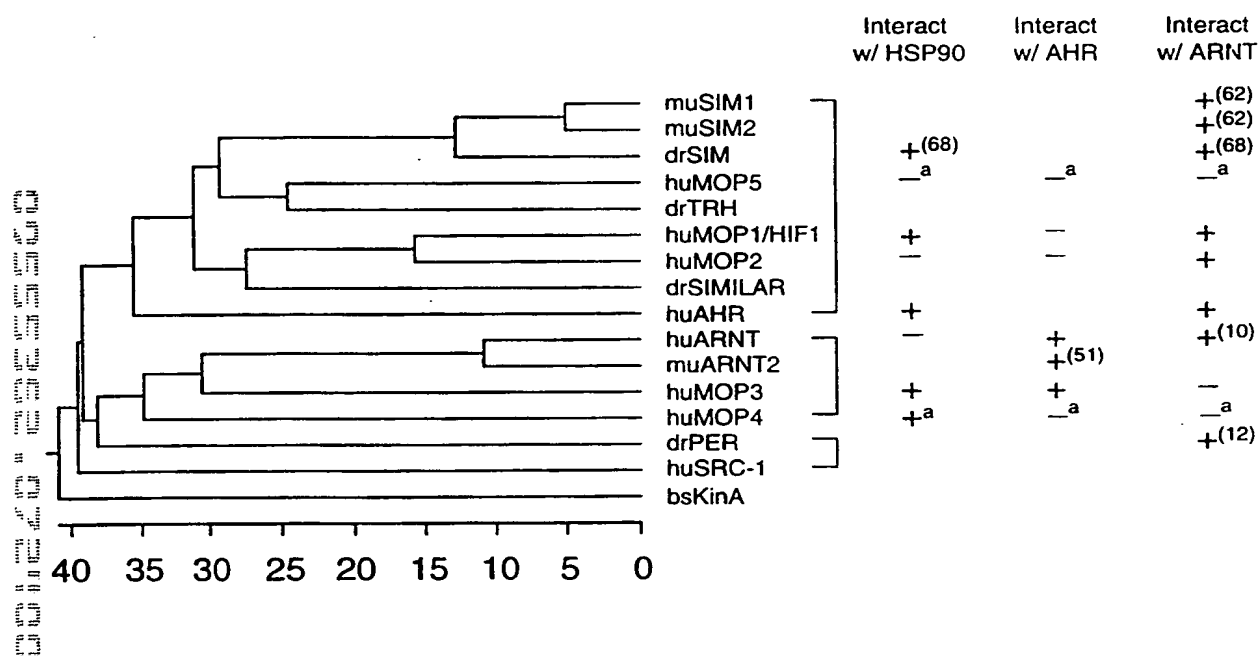
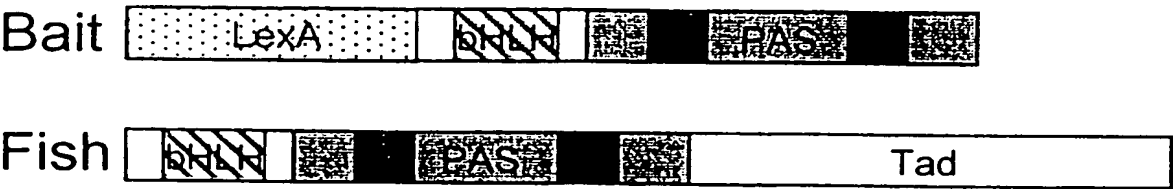


FIGURE 4

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g	g	G	G	C	A	C	G	T	G	A	C	A	C
G	G	T	A	C	A	C	G	T	G	A	C	C	C
t	g	a	a	C	A	C	G	T	G	A	C	C	C
t	g	a	a	C	A	C	G	T	G	A	C	T	C
g	g	G	C	C	A	C	G	T	G	A	C	C	T
G	G	G	A	C	A	C	G	T	G	A	C	C	g
c	T	A	A	C	A	C	G	T	G	A	C	C	G
g	a	a	c	C	A	C	G	T	G	A	G	C	T
t	g	a	a	C	A	C	G	T	G	A	C	A	C
g	G	G	T	C	A	C	G	T	G	A	C	T	C
G/T	G	A/G	A	C	A	C	G	T	G	A	C	C	C
-7	-6	-5	-4	-3	-2	-1	+1	+2	+3	+4	+5	+6	+7

FIGURE 5



LexAbHLH-PAS "Bait"

Full Length "Fish"	LexAbHLH-PAS "Bait"							
	LEXA	CLOCK	ARNT	AHR	MOP4	MOP3	HIF2 α	HIF1 α
MOP3	-	++	-	-	++	-	++	+
ARNT	-	-	-	++	-	-	++	+

FIGURE 6

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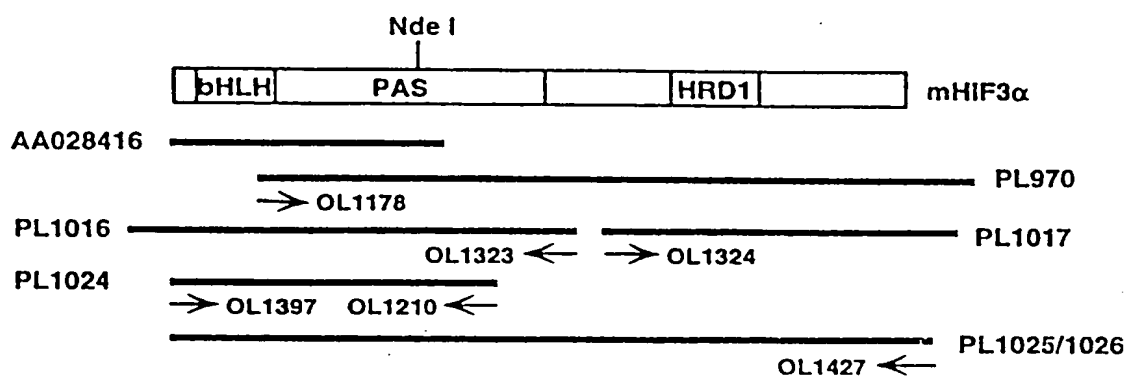


FIGURE 7

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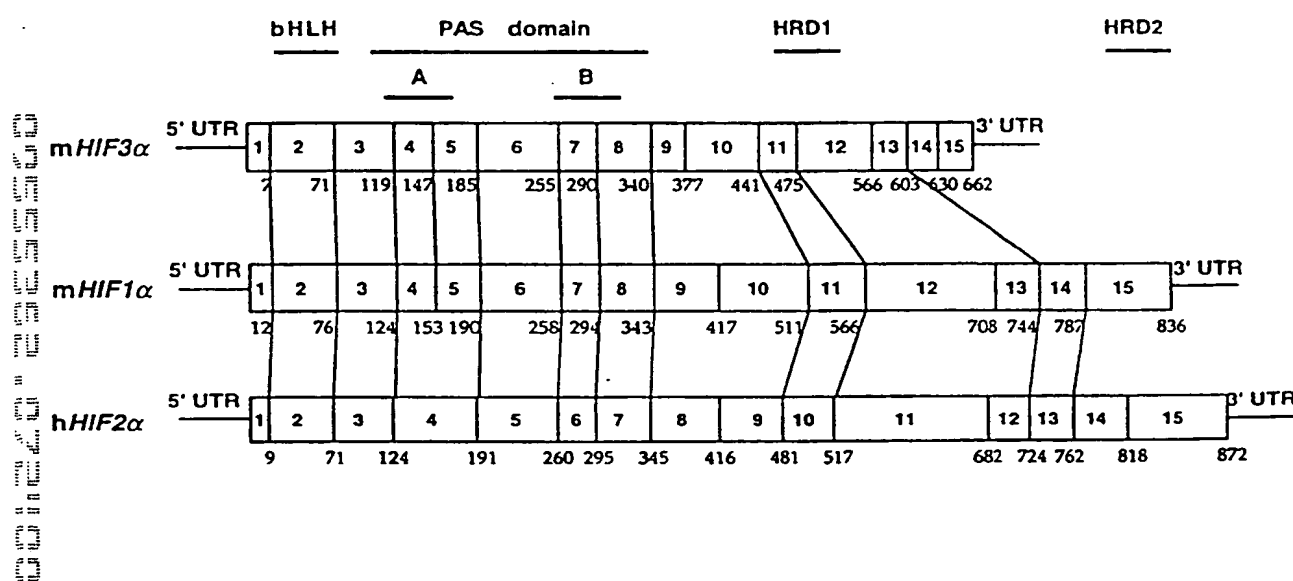


FIGURE 8